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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

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Mail Stop: PCT

Masaaki HIGASHIDA et al. Serial No. NEW

Attorney Docket No. 2006 1185A

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Filed August 7, 2006

COMMUNICATION DEVICE AND COMMUNICATION SYSTEM [Corresponding to PCT/JP2005/005954 Filed March 29, 2005]

TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

THE COMMISSIONER IS AUTHORIZED

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- [X] each U.S. Patent and U.S. Patent application publication;
- [] each reference previously cited in the international application PCT/______and/or
- [] each reference previously cited in prior parent application Serial No.
- 1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

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before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. [] This Information Disclosure Statement is submitted

after the events of above paragraph I a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- It is hereby certified
 - that each item of information contained in this Information Disclosure Statement
 was first cited in any communication from a foreign patent office in a counterpart
 foreign application not more than three months prior to the filling of the Statement,
 or
 - b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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- Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
- For each non-English language reference listed on the attached form PTO-1449, reference is made to:
 - a. [] a full or partial English language translation submitted herewith,
 - b. [X] a foreign patent office search report (in the English language) submitted herewith,
 - c. [X] the concise explanation contained in the specification of the present application at page 5,
 - d. [X] the concise explanation set forth in the attached English language abstract,
 - e. [X] the concise explanation set forth below or on a separate sheet attached to the reference:

U.S. Patent 6,836,481 corresponds to JP 2001-230774;

U.S. Patent Application Publication No. 2001/026556 and EP 1134933 correspond to JP 2001-244976; and

U.S. Patent Application Publication No. 2001/0018714 corresponds to JP 2001-244978.

5. [] A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Masaaki HIGASHIDA et al.

Michael S. Huppert Registration No. 40,268

Attorney for Applicants

MSH/kjf Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 August 7, 2006

10/588537 10/588537 eceint date: 08/07/2006 INFORMATION DISCLOSURE SATEMENT FORM PTO 1449 (modified) ATTY DOCKET NO. SERIAL NO. 2006_1185A NEW U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE APPLICANT Masaaki HIGASHIDA et al. LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) FILING DATE GROUP Date Submitted to PTO: August 7, 2006 August 7, 2006 U.S. PATENT DOCUMENTS *EXAMINER NAME CLASS SUBCLASS DOCUMENT DATE FILING DATE IF INITIAL NUMBER APPROPRIATE /A.O. AA 6.836.481 12/2004 Hotta AR 2001/0026556 10/2001 Yaqvu et al. /A.O./ AC. 2001/0018714 8/2001 Yaqyu et al. /A.Q./ AD ΑE ΔF AG AH ΑI FOREIGN PATENT DOCUMENTS DOCUMENT DATE CLASS SUBCLASS TRANSLATION COUNTRY NUMBER YES NO /A.O./ AJ 2001-177523 6/2001 JP. Abstract AK 2001-230774 8/2001 JP Abstract /A.O./ AL 2001-244976 9/2001 JР Abstract /A.O./ /A.O./ ΑM 1 134 933 1/2004 ΕP AN 2001-326685 11/2001 JP /A.O./ Abstract AO 2002-330469 11/2002 JР Abstract /A.O./ /A.O./ ΔP 11-196041 7/1999 JP Abstract AQ 2001-244978 9/2001 JP Abstract /A O / OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) /A.O./ AR *802_11 High-Speed Wireless LAN Textbook", (published by IDG Japan Co., Ltd.), March 29, 2003. /Andrew Oh/ 08/19/2009 EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.